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(2) 43 DECLARATIONS
(3) 49 LIB\$CRF\_INS\_KEY INSERT A KEY
(4) 80 LIB\$CRF\_INS\_REF INSERT REFERENCE
(5) 110 LIB\$CRF\_OUTPUT OUTPUT THE CROSS REFERENCE LISTING

Page

0

```
.TITLE
                                                CRFOR FORTRAN-CALLABLE CRF INTERFACE ROUTINES
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                    : FACILITY: CROSS REFERENCE PROGRAM
                       ABSTRACT: THIS MODULE CONTAINS INTERFACE ROUTINES TO CRF FOR FORTRAN
              34
35
36
37
38
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41
                       ENVIRONMENT: IT IS PART OF A LINKABLE IMAGE.
                       AUTHOR: BENN SCHREITER,
                                                                               CREATION DATE: 19-SEP-1979
```

MODIFIED BY:

CRFOR VO4-000

FORTRAN-CALLABLE CRF INTERFACE ROUTINES 15-SEP-1984 23:38:15 VAX/VMS Macro VO4-00 DECLARATIONS 4-SEP-1984 23:39:00 [CRF.SRC]CRFOR.MAR;1

43 45 : MACROS: 46 : \$ .SBTTL DECLARATIONS

**SCRFDEF** 

; DEFINE CRF GLOBALS

04

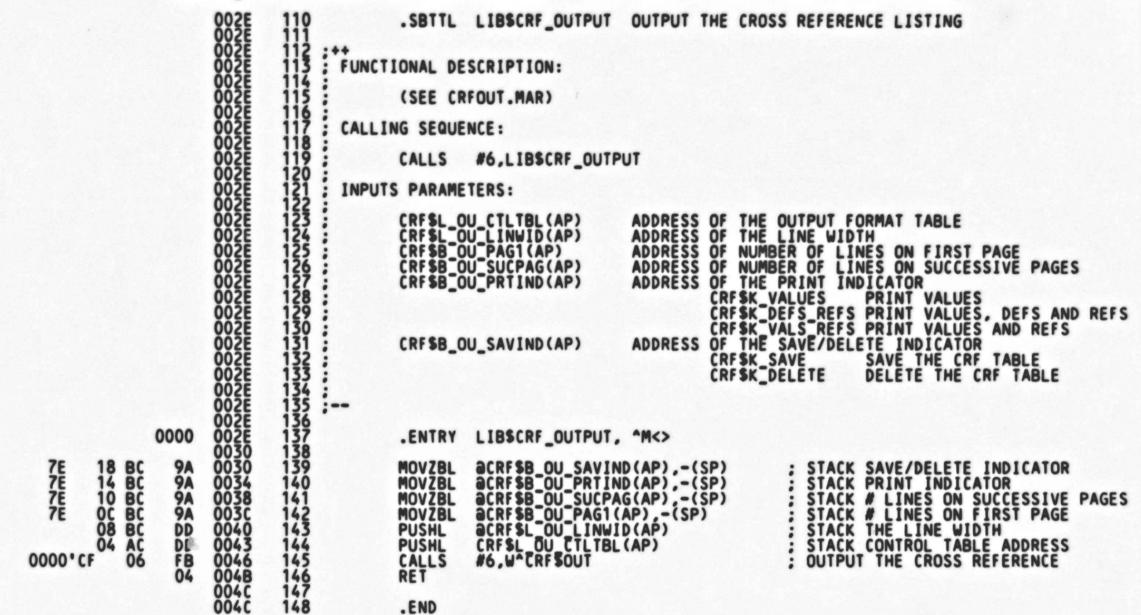
; ALL DONE

RET

0000°CF

: INSERT REFERENCE

PUSHL PUSHL PUSHL



```
FORTRAN-CALLABLE CRF INTERFACE ROUTINES 15-SEP-1984 23:38:15 4-SEP-1984 23:39:00
 CRFOR
                                                                                                                                                                                      VAX/VMS Macro V04-00
[CRF.SRC]CRFOR.MAR; 1
                                                                                                                                                                                                                                            Page
                                                                                                                                                                                                                                                        (5)
 Symbol table
CRFSB_IR_DEFIND
CRFSB_OU_PAG1
CRFSB_OU_PRTIND
CRFSB_OU_SAVIND
CRFSB_OU_SUCPAG
CRFSINSRTKEY
CRFSINSRTREF
                                                            = 00000014
= 00000000
= 00000014
= 00000018
                                                            = 00000010
                                                                ******
CRFSINSRTREF
CRFSL_IK_CTLTBL
CRFSL_IK_KEYADR
CRFSL_IK_VALADR
CRFSL_IR_CTLTBL
CRFSL_IR_KEYADR
CRFSL_IR_REFADR
CRFSL_OU_CTLTBL
CRFSL_OU_LINWID
CRFSU_IK_VALFLG
CRFSW_IK_VALFLG
CRFSW_IR_REFLAG
LIBSCRF_INS_REF
LIBSCRF_OUTPUT
                                                                *******
                                                            = 00000004
= 00000008
= 00000004
= 00000004
= 00000008
                                                            = 00000000
                                                            = 00000004
                                                            = 00000008
                                                                                             02
                                                                ******
                                                            = 00000010
                                                            = 00000010
                                                                00000000 RG
00000015 RG
                                                                                             02
02
20
                                                                0000002E RG
                                                                                                Psect synopsis!
 PSECT name
                                                              Allocation
                                                                                                    PSECT No.
                                                                                                                         Attributes
 -------
                                                                                                                                                                                                                     NOWRT NOVEC BYTE NOWRT NOVEC BYTE
      ABS
                                                              00000000
                                                                                                                0.)
                                                                                                                                         USR
                                                                                                                                                     CON
                                                                                                                                                                           LCL NOSHR NOEXE NORD
                                                                                                                                                                ABS
                                                                                                                                                                ABS
 SABS$
                                                              00000000
                                                                                                    01
                                                                                                                         NOPIC
                                                                                                                                                                           LCL NOSHR
                                                                                                                                                                                                  EXE
                                                                                                                                                                                                             RD
RD
                                                                                                                1.)
                                                                                                                                         USR
                                                                                                                                                     CON
                                                              00000040
                                                                                         76.)
                                                                                                                                                     CON
 $CODE$
                                                                                                                          NOPIC
                                                                                                                                                                           LCL NOSHR
                                                                                                                                         USR
                                                                                          Performance indicators
 Phase
                                                 Page faults
                                                                              CPU Time
                                                                                                          Elapsed Time
 ----
                                                                             00:00:00.08
00:00:00.59
00:00:01.18
00:00:00.02
00:00:00.39
00:00:00.02
00:00:00.02
00:00:00.31
                                                                                                          00:00:00.41
00:00:02.25
00:00:04.31
00:00:00.00.04
00:00:01.02
00:00:00.03
00:00:00.03
                                                               168
129
 Initialization
 Command processing
 Pass 1
 Symbol table sort
Pass 2
                                                                44
Symbol table output
Psect synopsis output
 Cross-reference output
 Assembler run totals
```

The working set limit was 1050 pages.
3968 bytes (8 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 46 non-local and 0 local symbols.
148 source lines were read in Pass 1, producing 22 object records in Pass 2.
8 pages of virtual memory were used to define 7 macros.

CRFOR VAX-11 Macro Run Statistics

FORTRAN-CALLABLE CRF INTERFACE ROUTINES 15-SEP-1984 23:38:15 VAX/VMS Macro V04-00 4-SEP-1984 23:39:00 [CRF.SRC]CRFOR.MAR;1

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Macro library statistics !

Macro library name

\$255\$DUA28:[CRF.OBJ]CRF.MLB:1 \$255\$DUA28:[SYSLIB]STARLET.MLB:2 TOTALS (all libraries)

Macros defined

99 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:CRFOR/OBJ=OBJ\$:CRFOR MSRC\$:CRFOR/UPDATE=(ENH\$:CRFOR)+LIB\$:CRF/LIB

0068 AH-BT13A-SE

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